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PATENT
Attorney Docket No.: 02307V-093411US
Client Reference No.: B99-026-3

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BOX PATENT APPLICATION
Assistant Commissioner for Patents
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jc971 U.S. PTO
09/992156
11/14/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kenneth N. Raymond, et al.

Divisional of Application
No.: 09/507,630

Filed: February 18, 2000

For: PHTHALAMIDE-LANTHANIDE
COMPLEXES FOR USE AS
LUMINESCENT MARKERS

Examiner: Ceperley, M.

Art Unit: 1643

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:


The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/507,630, filed 02/18/00 (Attorney Docket No. 02307V-093410US). Also enclosed is a copy of the Search/Examination report corresponding to the PCT application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

The reference AD, European Application No. 0 578 067 A1 is in the German language. An English abstract and corresponding Canadian Application No. 2,099,542 can be found in Application No. 09/507,630, filed 02/18/00 (Attorney Docket No. 02307V-093410US).

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **2**

Complete if Known

Application Number	09/507,630
Filing Date	February 18, 2000
First Named Inventor	Raymond, Kenneth N.
Group Art Unit	1641
Examiner Name	Ceperley, M.
Attorney Docket Number	02307V-093411US

10971 U.S. PTO
09/992156
11/14/01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	5,049,280		Raymond, <i>et al.</i>	09/17/1991	
	AB	5,820,849		Schmitt-Willich, <i>et al.</i>	10/13/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AC	PCT	WO 92/11039		The United States of America	07/09/92		
	AD	EP	0 578 067	A1	Bayer AG	01/12/94		
	AE	CA	2,099,542		Bayer AG	07/02/93		

Examiner
Signature

Date
Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Applicant Number	09/507,630
		Filing Date	February 18, 2000
		First Named Inventor	Raymond, Kenneth N.
		Group Art Unit	1641
		Examiner Name	Ceperley, M.
		Attorney Docket Number	02307V-093411US
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AF	Blomberg, <i>et al.</i> , "Terbium and rhodamine as labels in a homogeneous time-resolved fluorometric energy transfer assay of the β subunit of human chorionic gonadotropin in serum", <i>Clinical Chemistry</i> , 45(6):855-861 (1999)	
	AG	Bünzli, <i>et al.</i> , "Towards materials with planned properties: dinuclear f-f helicates and d-f non-covalent podates based on benzimidazole-pyridine binding units", <i>Journal of Alloys and Compounds</i> , 249:14-24 (1997)	
	AH	Chen, <i>et al.</i> , "Lifetime- and color-tailored fluorophores in the micro- to millisecond time regime", <i>J. Am. Chem. Soc.</i> , 122(4):657-660 (2000)	
	AI	Dickins, <i>et al.</i> , "Synthesis, time-resolved luminescence, NMR spectroscopy, circular dichroism and circularly polarised luminescence studies of enantiopure macrocyclic lanthanide tetraamide complexes", <i>Chem. Eur. J.</i> , 5(3):1095-1105 (1999)	
	AJ	Dickson, <i>et al.</i> , "Time-resolved detection of lanthanide luminescence for ultrasensitive bioanalytical assays", <i>Journal of Photochemistry and Photobiology, B: Biology</i> , 27:3-19 (1995)	
	AK	Galaup, <i>et al.</i> , "Mono(di)nuclear europium(III) complexes of macrobi(tri)cyclic cryptands derived from diazatetralactams as luminophores in aqueous solution", <i>Helvetica Chimica Acta</i> , 82:543-560 (1999)	
	AL	Hemmilä, <i>et al.</i> , "Development of luminescent lanthanide chelate labels for diagnostic assays", <i>Journal of Alloys and Compounds</i> , 249:158-162 (1997)	
	AM	de Sá, <i>et al.</i> , "Spectroscopic properties and design of highly luminescent lanthanide coordination complexes", <i>Coordination Chemistry Reviews</i> , 196:165-195 (2000)	
	AN	Sabbatini, <i>et al.</i> , "Luminescent lanthanide complexes as photochemical supramolecular devices", <i>Coordination Chemistry Reviews</i> , 123:201-228 (1993)	
	AO	Saha, <i>et al.</i> , "Time-resolved fluorescence of a new europium chelate complex: Demonstration of highly sensitive detection of protein and DNA samples", <i>J. Am. Chem. Soc.</i> , 115:11032-11033 (1993)	
	AP	Soini, <i>et al.</i> , "Time-resolved fluorescence of lanthanide probes and applications in biotechnology", <i>CRC Critical Reviews in Analytical Chemistry</i> , 18(2):105-154 (1987)	
	AQ	Steemers, <i>et al.</i> , "Water-soluble neutral calix[4]arene-lanthanide complexes: Synthesis and luminescence properties", <i>J. Org. Chem.</i> , 62:4229-4235 (1997)	
	AR	Stenroos, <i>et al.</i> , "Homogeneous time-resolved IL-2IL-2Ra assay using fluorescence resonance energy transfer", <i>Cytokine</i> , 10(7):495-499 (July, 1998)	
	AS	Veiopoulou, <i>et al.</i> , "Comparative study of fluorescent ternary terbium complexes. Application in enzyme amplified fluorimetric immunoassay for α -fetoprotein", <i>Analytica Chimica Acta</i> , 335:177-184 (1996)	
	AT	Vicentini, <i>et al.</i> , "Luminescence and structure of europium compounds", <i>Coordination Chemistry Reviews</i> , 196:353-382 (2000)	

Examiner Signature		Date Considered	
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